## IN THE UNITED STATES PATENT AND TRADEMA

In re application of:

Gregory P. CARMAN et al.

International Application No.:

PCT/US2004/011955

International Filing Date:

April 15, 2004

Art Unit: Not Yet Assigned

Examiner: Not Yet Assigned

Confirmation No.: Not Yet Assigned

Appl. No.: Not Yet Assigned

Filed: October 24, 2005

MICROMEMBRANE ACTUATOR

Atty. Docket No.: 58086-224991

Customer No.

26694

PATENT TRADEMARK OFFICE

## **Information Disclosure Statement**

Commissioner for Patents P. O. Box 1450 Alexandria, VA 22313-1450 Attention: PCT DO/EO/US

Sir:

For:

This is an Information Disclosure Statement submitted under 37 C.F.R. § 1.97 within the time specified under 37 C.F.R. § 1.97(b).

Documents A1 - A5 are cited in the enclosed International Search Report dated May 4, 2005, in connection with related International Application No. PCT/US2004/011955.

Documents A1 - A5 are U.S. Patents. Therefore, neither a separate statement of relevance, nor copies of these documents need to be submitted according to U.S. PTO disclosure requirements. A Form PTO/SB/08A listing the documents is also enclosed.

99/554316

## JC06 Rec'd PCT/PTO 24 OCT 2005 Applicant(s): Gregory P. CARMAN et al.

International Application No.: PCT/US2004/011955

As all requirements of 37 C.F.R. § 1.97 and § 1.98, and all official guidelines pertaining to Information Disclosure Statements have been complied with, it is respectfully requested that the Examiner consider the cited documents and make them of record.

Respectfully submitted,

Date: 10/24/2008

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Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute	e for form 1449A/PTO			Complete if Known		
				Application Number	Not Yet Assigned 5 54 5 16	
INFO	RMATION	DIS	CLOSURE	Filing Date	October 24, 2005	
STATEMENT BY APPLICANT			PPLICANT	First Named Inventor	Gregory P. CARMAN et al.	
				Group Art Unit	Not Yet Assigned	
(use as many sheets as necessary)				Examiner Name	Not Yet Assigned	
Sheet	1	of	1	Attorney Docket Number	58086-224991	

U.S. PATENT DOCUMENTS						
Examiner Initials *	Cite No.1	U.S. Patent Door Number Kind ( (if kno	Code <sup>2</sup>	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A1	3,606,592	A	MADURSKI et al.	09-20-1971	
	A2	4,472,113	A	ROGEN	09-18-1984	
	A3	5,759,015	Α	VAN LINTEL et al.	06-02-1998	
	A4	6,059,546	A	BRENAN et al.	05-09-2000	
	A5	4,636,149	Α	BROWN	01-13-1987	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No.1	For	eign Patent De	ocument	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Тв
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.